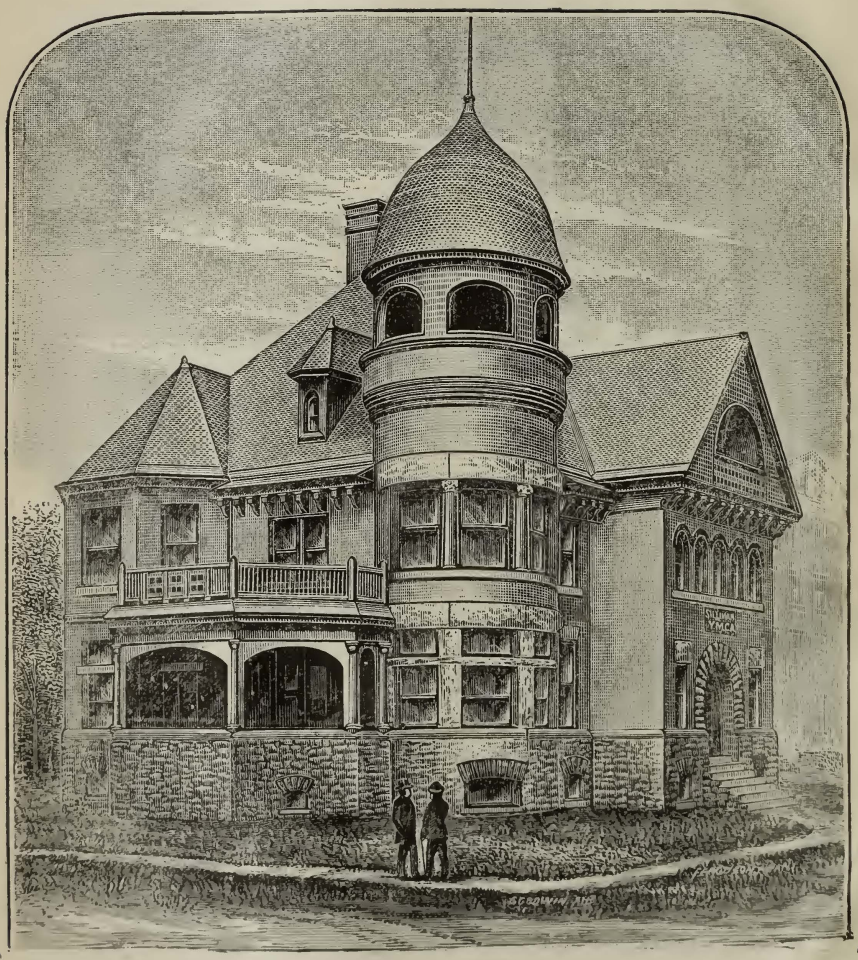

SILLIMAN HALL, Y. M C. A. BUILDING,

HAMILTON COLLEGE, CLINTON, N. Y.

Seventy-Eighth Annual Catalogue

OF THE

OFFICERS AND STUDENTS

OF

HAMILTON COLLEGE,

FOR THE ACADEMIC YEAR,

1889-90.

CLINTON, N. Y.
PRINTED FOR THE COLLEGE.
ELLIS H. ROBERTS & CO., UTICA.
1889.

1890.

	S	M	T	W	T	F	S
JAN.	....	....	....	1	2	3	4
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OCT.	....	....	....	1	2	3	4
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	28	29	30	31	....	....	....

Calendar for 1889-90.

1889.

Sept.	19.	Fall Term opened,	Thursday.
Sept.	21.	Examination of Delinquents,	Saturday.
Oct.	17.	Field Day,	Thursday,
Nov.	5.	State Election.	Tuesday,
Nov.	28.	Thanksgiving Day,	Thursday.
Dec.	12.	Tompkins Prize Examination,	Thursday.
Dec.	13.	Examinations begin,	Friday.
Dec.	18.	Fall Term closes,	Wednesday.

Vacation of Three Weeks.

1890.

Jan.	9.	Winter Term opens,	Thursday.
Jan.	10.	Prize Orations presented,	Friday noon.
Jan.	10.	Southworth Prize Examination,	Friday.
Jan.	11.	Examination of Delinquents,	Saturday.
Jan.	30.	Day of Prayer for Colleges,	Thursday.
Feb.	22.	Washington's Birthday,	Saturday.
Mar.	26.	Munson Prize Examination in German,	Wednesday.
Mar.	27.	Underwood Prize Examination,	Thursday.
Mar.	27.	Curran Prize Examination,	Thursday.
Mar.	28.	Examinations begin,	Friday.
April	2.	Clark Prize Orations and Prize Essays presented,	
April	2.	Term closes.	[Wednesday noon.

Vacation of One Week.

April	10.	Summer Term opens,	Thursday.
April	12.	Examination of Delinquents,	Saturday.
May	1.	Graduating Orations presented,	Thursday noon.
May	15.	Field Day,	Thursday.
May	30.	Decoration Day,	Friday.
May	31.	Examination in Metaphysics,	Saturday.
June	2.	Senior Examination begins,	Monday.
June	4.	Clark Prize Exhibition,	Wednesday Evening.
June	5.	Honors announced,	Thursday.
June	18.	Munson Prize Examination in French,	Wednesday.
June	19.	Examination of Lower Classes begins,	Thursday.
June	21.	Prizes announced,	Saturday.
June	22.	President's Baccalaureate Sermon,	Sunday Morning.
June	22.	Address before Y. M. C. A.,	Sunday Evening.
June	23.	Prize Declamation,	Monday Evening.
June	24.	Entrance Examination,	Tuesday.
June	24.	Prize Debate,	Tuesday Evening.
June	25.	Anniversary of the Society of Alumni,	Wednesday.
June	26.	Commencement,	Thursday.

Vacation of Twelve Weeks.

Sept.	16.	Entrance and Brockway Prize Examination,	Tuesday.
Sept.	17.	Entrance and Brockway Prize Examination,	Wednesday.
Sept.	18.	Fall Term opens,	Thursday.
Sept.	20.	Examination of Delinquents,	Saturday.
Dec.	17.	Term Closes,	Wednesday.

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Summary of the Triennial Catalogue.

Whole Number of Alumni,	2613
Stelligerents,	671
Whole Number of Alumni Living,	1942
Graduates of the Maynard Law School,	261
Lawyers,	490
Clergymen,	726
Clergymen in the Synod of New York,	143
Foreign Missionaries,	34
Moderators of the Presbyterian General Assembly,	5
Commissioners to the General Assembly of 1889,	13
Members of Congress,	29
State Governors,	5
State Senators,	26
Members of State Constitutional Conventions,	13
Supreme Court Judges,	29
Presidential Electors,	5
College Presidents,	14
Regents of the University of the State of New York,	8
College Professors and Tutors,	99
Theological Seminary Professors,	19
State Superintendents of Public Instruction,	6
Normal School Principals and Professors,	17
Principals of Academies and High Schools,	125
Physicians,	89
Bankers and Brokers,	50
Editors,	84
Agriculturists,	24
Merchants,	50
Civil Engineers and Architects,	15
Manufacturers,	21
Enlisted in the War for the Union,	175

TRUSTEES.

		Elected.
*Hon.	HENRY A. FOSTER, LL. D., Rome,	1836.
*Hon.	WILLIAM J. BACON, LL. D., Utica,	1856.
	WILLIAM D. WALCOTT, Esq., New York Mills,	1863.
	CHARLES C. KINGSLEY, A. M., Utica,	1867.
Rev.	L. MERRILL MILLER, D. D., Ogdensburg,	1869.
	PUBLIUS V. ROGERS, A. M., Utica,	1869.
Gen.	SAMUEL S. ELLSWORTH, A. M., Penn Yan,	1870.
Rev.	HENRY KENDALL, D. D., New York,	1871.
	GILBERT MOLLISON, Esq., Oswego,	1871.
Hon.	ELLIS H. ROBERTS, LL. D., Utica,	1872.
Hon.	DANIEL P. WOOD, A. M., Syracuse,	1874.
Hon.	GEORGE M. DIVEN, A. M., Elmira,	1874.
Hon.	THEODORE W. DWIGHT, LL. D., New York,	1875.
Hon.	JOSEPH R. HAWLEY, LL. D., Hartford, Conn.,	1875.
Pres.	DAVID H. COCHRAN, Ph. D., LL. D., Brooklyn,	1875.
Rev.	JAMES B. LEE, D. D., Franklinville,	1877.
Rev.	JAMES B. SHAW, D. D., Rochester,	1877.
Pres.	HENRY DARLING, D. D., LL. D., Clinton,	1880.
Prof.	EDWARD NORTH, L. H. D., LL. D., Clinton,	1881.
Hon.	ELIHU ROOT, A. M., New York,	1883.
Hon.	JOHN JAY KNOX, A. M., New York,	1884.
	CHARLES A. HAWLEY, A. M., Seneca Falls,	1884.
Rev.	THOMAS B. HUDSON, D. D., Clinton,	1884.
	HORACE B. SILLIMAN, A. M., Cohoes,	1885.
	A. NORTON BROCKWAY, A. M., M. D., New York,	1885.
Rev.	T. RALSTON SMITH, D. D., Buffalo,	1886.
Rev.	GEORGE B. SPALDING, D. D., Syracuse,	1886.
Hon.	THEODORE M. POMEROY, A. M., Auburn,	1886.

Rev.	THOMAS B. HUDSON, D. D., *Secretary*, (1885,) *and Treasurer*,	1886.
	CHARLES A. BORST, A. M., *Assistant to the Treasurer*,	1881.

* Deceased.

Executive Committee.

PRES. HENRY DARLING, D. D., LL. D.

WILLIAM D. WALCOTT, ESQ.

PUBLIUS V. ROGERS, A. M.

HON. ELLIS H. ROBERTS, LL. D.

HON. THEODORE W. DWIGHT, LL. D.

CHARLES C. KINGSLEY, A. M.

HORACE B. SILLIMAN, A. M.

REV. THOMAS B. HUDSON, D. D.

FACULTY.*

ELECTED.

REV. HENRY DARLING, D. D., LL. D.,
PRESIDENT,

Walcott PROFESSOR OF THE EVIDENCES OF CHRISTIANITY,
OF MORAL SCIENCE AND NATURAL RELIGION,
AND PASTOR OF THE COLLEGE CHURCH,.....1881.

CHRISTIAN HENRY FREDERICK PETERS, PH. D.,

Litchfield PROFESSOR OF ASTRONOMY, AND DIRECTOR
OF THE **Litchfield** OBSERVATORY, ... 1858.

EDWARD NORTH, L. H. D., LL. D.,

Edward-Robinson PROFESSOR OF THE GREEK LANGUAGE
AND GREEK LITERATURE,..... 1843.

REV. EDWARD JOHN HAMILTON, D. D.,

Albert-Barnes PROFESSOR OF INTELLECTUAL PHILOSOPHY
AND HEBREW, ... 1883.

AMBROSE PARSONS KELSEY, PH. D.,

Stone PROFESSOR OF NATURAL HISTORY, ... 1878.

REV. OREN ROOT, A. M.,

Samuel-Fletcher-Pratt PROFESSOR OF MATHEMATICS,
AND REGISTRAR OF THE FACULTY, ... 1880.

ALBERT HUNTINGTON CHESTER, E. M., PH. D.

Childs PROFESSOR OF AGRICULTURAL CHEMISTRY,
AND PROFESSOR OF GENERAL CHEMISTRY AND MINERALOGY,. 1870.

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* Names of the Faculty, except that of the President, are arranged on the basis of seniority in graduation.

ELECTED.

REV. ABEL GROSVENOR HOPKINS, PH. D.,

Benjamin-Bates PROFESSOR OF THE LATIN LANGUAGE
AND LATIN LITERATURE,
AND CLERK OF THE FACULTY, ... 1869.

REV. WILLIAM ROGERS TERRETT, D. D.,

Maynard-Knox PROFESSOR OF LAW, HISTORY, CIVIL POLITY
AND POLITICAL ECONOMY, ... 1889.

HERMAN CARL GEORGE BRANDT, A. M.,

PROFESSOR OF THE GERMAN AND FRENCH LANGUAGES,
AND PHILOLOGY, ... 1882.

REV. ARTHUR STEPHEN HOYT, A. M.,

Kingsley PROFESSOR OF LOGIC, RHETORIC AND ELOCUTION,
PROFESSOR OF ENGLISH LITERATURE,
AND LIBRARIAN, ... 1885.

CLINTON SCOLLARD, A. M.,

ASSISTANT PROFESSOR OF RHETORIC AND ELOCUTION, ... 1888.

EDWARD FITCH, A. M.,

ASSISTANT PROFESSOR OF THE GREEK LANGUAGE
AND GREEK LITERATURE, ... 1889.

EDGAR COIT MORRIS, A. B.,

ASSISTANT LIBRARIAN, ... 1889.

CORNELIUS DEREGT,

JANITOR-IN-CHIEF, ... 1880.

SENIORS.

CLASS OF 1890.

NAMES.	RESIDENCES.	ROOMS.
Charles Herbert Anthony	*Gouverneur*,	Psi Upsilon House.
James Robert Benton,	*Clinton*,	Mr. Benton's.
James Burton,	*Albany*,	A Δ Φ Hall.
Eugene Landon Conklin,	*Southhold*,	E. L. S. Hall.
Eddy Clark Covell,	*Cazenovia*,	Δ K E House.
William Day Crockett,	*Sterling*,	8 s. h. n.
Melvin Gilbert Dodge,	*East Rodman*,	Δ Υ House.
Emory Leroy Evans,	*North Walton*,	12 h. h. n.
Hymen Augustus Evans,	*North Walton*,	12 h. h. n.
Clarence James Geer,	*Seneca Falls*,	Psi Upsilon House.
Frank Gibbons,	*Franklin*,	Δ K E House.
Charles Oliver Gray,	*Ogdensburg*,	Δ K E House.
Lincoln Abraham Groat,	*Franklin*,	Δ K E House.
Robert James Hughes,	*Remsen*,	Δ Υ House.
Joseph Darling Ibbotson, Jr.,	*Richfield Springs*,	Chi Psi House.
Harry Day Kittinger,	*Lockport*,	E. L. S. Hall.
† William Ulric Kreutzer,	*Lyons*,	Psi Upsilon House.
Calvin Leslie Lewis,	*Deposit*,	Δ K E House.
William Ransford Loomis,	*Norwich*,	E. L. S. Hall.
Roscoe Belden Martindale,	*Herkimer*,	E. L. S. Hall.
Fred Heermance Mead,	*Halcott*,	5 h. h. n.

SAMUEL DUNCAN MILLER, ... *Washington, D. C.*, ..32 S. H. S.

GEORGE HENRY MINOR, ... *Deposit*, ... Δ K E House.

ALFRED AUSTIN MOORE, ... *College Hill*, ... Mrs. Moore's.

ROBERT BENEDICT PERINE, ... *Lysander*, ... Θ Δ X House.

WILLIAM MORGAN PHILLIPS, ... *Clinton*, ... Sigma Phi Place.

MARCO NIKOLA POPOFF, ... *Bansko, Macedonia*, E. L. S. Hall.

ALBERT HUSTED RODGERS, ... *Albany*, ... 8 H. H. N.

WALSTEIN ROOT, ... *College Hill*, ... Prof. Root's.

JAMES ARTHUR SEAVEY, ... *Saratoga*, ...A Δ Φ Hall.

CLAYTON HALSEY SHARP, ... *Seneca Falls*, ...A Δ Φ Hall.

EDWARD NORTH SMITH, ... *Watertown*, Psi Upsilon House.

DELOS DEWOLF SMYTH, ... *Clinton*, ... Mr. Smyth's.

EDWARD LAWRENCE STEVENS, ... *Malone*, ... 28 S. H. S.

† JAMES AUSTIN TOOLEY, ... *Clifford*, ... Δ Υ House.

PAUL THEODOROFF, ... *Garvanovo, S. Bulgaria*, 27 H. H. S.

PERCY LOYALL WIGHT, ... *Cooperstown*, ... Δ K E House.

SENIORS, ... 37.

† Under special conditions.

JUNIORS.

CLASS OF 1891.

NAMES.	RESIDENCES.	ROOMS.
Omar M. Abernathy,	*Leavenworth, Kansas,*	32 H. H. S.
William Wentworth Brim,	*Lockport,*	
Robert Norton Brockway,	*New York City,*	
Thomas Lewis Coventry,	*Deerfield,*	31 H. H. S.
Albert Henry Dewey,	*Utica,*	Mr. Dewey's.
George Vail Edwards,	*Riverhead,*	21 S. H. S.
George Haws Feltus,	*Auburn,*	Silliman Hall.
James Willis Fowler,	*Andes,*	24 H. H. S.
George Howard Harkness,	*Rockford, Ill.,*	Δ Υ House.
Frank Boardman Hathaway,	*Rochelle, Ill.,*	29 S. H. S.
Thomas Edward Hayden,	*Rudestown,*	Δ Υ House.
Frank Edwin Hoyt,	*West Bloomfield,*	Δ Υ House.
William Henry Kelly,	*East Weymouth, Mass.,*	Chapel.
Duncan Campbell Lee,	*Franklinville,*	Θ Δ X House.
Charles Andrew Mills,	*Clinton,*	Mr. Mills'.
Herbert Foote Mills,	*Clinton,*	Mr. Mills'.
Eugene Harvey Northrop,	*Elbridge,*	Θ Δ X House.
† Henry Platt Osborne,	*Clinton,*	Mr. Osborne's.
Bayard Livingston Peck,	*Hudson,*	Chi Psi House.
† Barton Warren Perry,	*Norwich Corners,*	6 S. H. N.
Aurelian Post,	*Pulaski,*	E. L. S. Hall.

Bradley Sheppard,	*Penn Yan,*	32 s. h. s.
Ransom Henry Snyder,	*Sandy Creek,*	13 s. h. n.
Albert Emerson Stuart,	*Franklin,*	Miss Lathrop's.
Philip Ward,	*College Hill,*	Mrs. Ward's.
George Marmaduke Weaver,	*Utica,*	31 h. h. s.
James Shannon Wilkes,	*Bath,*	9 s. h. n.
Burton Hadley Woodford,	*Pompey Hill,*	13 s. h. n.

Juniors, ... 28.

† Under special conditions.

SOPHOMORES.

CLASS OF 1892.

NAMES.	RESIDENCES.	ROOMS.
John Alison,	*Philadelphia, Pa.,*	E. L. S. Hall.
George Samuel Budd,	*Equinunk, Pa.,*	24 h. h. s.
David Barton Case,	*Vernon,*	Chi Psi House.
Thomas Weston Chester,	*College Hill,*	Prof. Chester's.
William Howell Church,	*Bath,*	Sigma Phi Hall.
John George Clark,	*Waterloo,*	Psi Upsilon House.
Alison Valancott Collis,	*Theresa,*	E. L. S. Hall.
Walter Thomas Couper,	*Morristown,*	Δ K E House.
John McCollum Curran,	*Potsdam,*	Δ Υ House.
Fred Howard Davis,	*Reed's Corners,*	25 h. h. s.
Carl Hermon Dudley,	*Augusta,*	29 h. h. s.

Jay Harvey Durkee, ...*Jacksonville, Fla.*, Chi Psi House.

Harry Hersey Fay, ...*Potsdam*, ...Δ Υ House.

Merlin Chamberlin Findlay, ..*Franklinville*, ...Θ Δ X House.

Orville Theodore Fletcher, ..*McClare*, ...Δ K E House.

Charles Andrew Frasure, ...*Sherburne*, ...25 H. H. S.

Frank Garrett, ...*Leavenworth, Ks.*, ...32 H. H. S.

Alfred Walter Gray, ...*Ogdensburg*, ...Δ K E House.

Clarence Leslie Hewitt, ...*Syracuse*, ...28 H. H. S.

William E. Higman, Jr., ...*Sioux City, Iowa*, Chi Psi House.

John Burton Hooker, Jr., ...*Fly Creek*, ...Θ Δ X House.

Charles Tyler Ives, ...*Clinton*, ...Mr. Ives'.

Horatio Zwingli Jenkins, ...*Waterville*, ...Θ Δ X House.

Fenton Carlyle Jones, ...*Utica*, ...Δ Υ House.

John Parker Martin, ...*Watertown*, ...28 S. H. S.

Robert Beard Marvin, ...*Walton*, ...1 H. H. N.

Clarence William Mason, ...*Vernon Centre*, ..E. L. S. Hall.

Edwin Herbert McMaster, ...*Pawnee City, Neb.*, ..9 S. H. N.

Milton Edwards Owen, ...*Clinton*, ...Mr. Owen's.

Thomas Newton Owen, ...*Utica*, ...7 H. H. N.

Strother William Rice, ...*Syracuse*, ...28 S. H. S.

Gregory Rosenblum, ...*Nijni Novgorod, Russia*, 21 H. H. S.

William Pierce Shepard, ...*Utica*, ...Δ Υ House.

James Harvey Skinner, ...*Lowell*, ...9 H. H. N.

†Pano Stephen Stoeloff, *Philippopolis, Bulgaria*, Mr. Williams'.

George Brown Swinnerton, *Newark, N. J.*, Psi Upsilon House.

Frank William Tilden, ...*Albion*, ...5 H. H. N.

Henry Shattuck Verrill, ... *Franklin*, ...Δ K E House.
Frederick William Welsh,... *Binghamton*,...Δ K E House.
Herbert Edwin Wilford,..... *Batavia*,.....Θ Δ X House.
Corliss Fay Willard, ... *Oriskany Falls*,...A Δ Φ Hall.
Nathaniel Plinnie Willis,... *East Springfield*, Θ Δ X House.
George Franklin Wood,..... *Franklin*,.....Δ K E House.
Charles Willis Yeomans,..... *Deposit*, ...Δ K E House.

Sophomores, ... 44.

† Under special conditions.

FRESHMEN.

CLASS OF 1893.

NAMES.	RESIDENCES.	ROOMS.
Harry Capron Allen, †	*Springwater*,	Chi Psi House.
James Annan Ayers,	*Catskill*,	Chi Psi House.
Carroll Burton Bacon,	*Leyden*,	Δ Υ House.
Joseph Richardson Baker,	*New Hartford*,	31 H. H. S.
Thomas Clinton Brockway,	*Clinton*,	Δ K E House.
Matthew Gardner Buckner,	*Nashville, Tenn.*,	32 H. H. S.
Daniel WyEtte Burke,	*Oxford*,	Chi Psi House.
Starr Cadwallader,	*Utica*,	A Δ Φ Hall.
John Gailey Campbell,	*Clinton*,	Mrs. Campbell's.
William Frederic Canough,	*Sandy Creek*,	13 S. H. N.
Albert Huntington Chester, Jr.,	*College Hill*,	Prof. Chester's.

Charles Taylor Church, ... *Waterville*, ...29 s. h. s.

Charles Henry Clarke, ... *Bainbridge*, ...Δ K E House.

Charles William Disbrow, ... *Utica*, ...Δ Υ House.

George Richmond Douglass, .. *Raymondville*, ...17 s. h. s.

Allan Faber Emery, ... *Mexico*, ...17 s. h. n.

Thomas Brockway Fitch, ... *Cortland*, ...28 h. h. s.

Cornelius Joseph Gibson, ... *Clinton*, ...Mr. Gibson's.

Andrew Boyd Gilfillan, ... *Peoria*, ...Θ Δ X House.

George Charles Hayes, ... *Boonville*, ...Θ Δ X House.

Charles Romeyn La Rue, ... *Little Falls*, ...A Δ Φ Hall.

David Bouck Lockner, ... *Lockport*, ...31 h. h. s.

Nathaniel McGiffin, ... *Fairhaven*, ...Δ K E House.

Frank Chamberlain McMaster, *Cherry Valley*, ...9 s. h. n.

William Earle Mott, ... *Clinton*, ...Mr. Mott's.

Charles Edwin Orsler, ... *Auburn*, ...21 s. h. s.

George Nikola Popoff, ... *Bansko, Macedonia*, Mr. William's.

George Hobart Post, ... *Pulaski*, ...E. L. S. Hall.

Edwin Bishop Robbins, ... *Knoxboro*, ...29 h. h. s.

Hurlon Daniel Sheldon, ... *Weedsport*, ...Δ K E House.

Elbert Mortimer Somers, ... *Deansville*, ...Δ K E House.

Luther Norton Steele, ... *East Bloomfield*, ...8 h. h. n.

Samuel Lawton Underwood, .. *Pittston, Pa.*, ...Δ K E House.

Walter Nellis Van Doren, ... *Three Mile Bay*, ..Δ Υ House.

Earle Eugene Woolworth, ... *Clinton*, ...Mr. Woolworth's.

Alexander Wouters, ... *South Hammond*, Δ K E House.

Freshmen, ... 36.

SPECIAL STUDENTS.

Third Year.

Charles Madison Dodge, ... *Norwich Corners*, ...6 s. h. n.

Second Year.

Charles Elliott Williams, ... *Clinton*, ... Mr. Williams'.

First Year.

Frederick Lovell Bogue, ... *New York*, ... 32 h. h. s.
William Miller Booth, Jr., ... *Deansville*, ... E. L. S. Hall.
Ferdinand Austin Kittinger, .. *Lockport*, ... E. L. S. Hall.
Harold Marquisee, ... *Utica*, ... Δ Υ House.
Howard Emerson Miller, ... *Deansville*, ... E. L. S. Hall.

Special Students, ... 7.

SUMMARY.

Seniors,	37
Juniors,	28
Sophomores,	44
Freshmen,	36
Special Students,	7
Total,	152

ABBREVIATIONS.

H. H. N., ... Hungerford Hall, North Entry.
H. H. S., ... Hungerford Hall, South Entry.
S. H. N., ... Wm. H. Skinner Hall, North Entry.
S. H. S., ... Wm. H. Skinner Hall, South Entry.

General Information.

Admission to College.

Entrance Examinations will be held in June, during Commencement week, and in September, at the opening of the Fall Term. The June Examinations will be held on

June 24, Tuesday, from 8 A. M. to 10 A. M., in Greek.
" " Tuesday, from 10 A. M. to 11 A. M., in English.
" " Tuesday, from 11 A. M. to 1 P. M., in Mathematics.
" " Tuesday, from 3 P. M. to 5 P. M., in Latin.

The September Examinations and the BROCKWAY Prize Examination will be held on

Sept. 16, Tuesday, from 1.00 P. M. to 3.30 P. M., in Mathematics.
" " Tuesday, from 3.30 P. M. to 6.00 P. M., in Greek.
" 17, Wednesday, from 9.00 A. M. to 10.30 A. M., in English.
" " Wednesday, from 10.30 A. M. to 1.00 P. M., in Latin.

Candidates should bring with them paper and pencils for writing.

It is required that candidates for admission to the Freshman Class shall not be less than fifteen years of age, with a corresponding increase for an advanced standing; that they furnish evidence of good moral character, and if from another College, a regular dismission; and that they sustain a satisfactory examination on the PREPARATORY STUDIES, or, for any advanced class, on the several studies to which that class has attended. None can be admitted into the Senior Class after the winter vacation.

Candidates for the Freshman Class are examined in the following books and subjects, or their equivalents:

GREEK: Xenophon's Anabasis, three books; Homer's Iliad, two books; Allen-Hadley's or Goodwin's Greek Grammar; Jones' Greek Composition, twenty chapters; Greek Antiquities.

LATIN: Cæsar's Commentaries, four books; Virgil's Æneid, six books; with prosody; six of Cicero's Orations; Sallust's Cataline; and Sallust's Jugurthine War or Virgil's Eclogues; with the Latin Grammar and twelve chapters of Allen & Greenough's Latin Prose Composition; Ancient Geography and Roman Antiquities.

MATHEMATICS: Arithmetic; Algebra through Equations of the second degree; Plane Geometry complete.

ENGLISH STUDIES: English Grammar, Composition, Modern Geography, and History of the United States. For the examination of 1890, Cooper's Leatherstocking Tales, Longfellow's Hiawatha, Hawthorne's Scarlet Letter, and Emerson's English Traits. For the examination of 1891, Macaulay's Essays on Johnson, Bunyan and Hastings. Rolfe's Young People's Tennyson; Irving's Sketch Book and Alhambra; Longfellow's Courtship of Miles Standish, and Tales of a Wayside Inn.

Certificates.

A Regents' Pass Card will be accepted for the studies which it covers, and full admission will be given to a candidate who brings a Regents' College Entrance Certificate.

Students from schools having a thorough course of preparation for College, that shall have been designated by the Faculty, will be admitted on the certificate of their Principals that the candidates have mastered the requisites for admission, or their equivalents. Such certificates should be filed with the Registrar prior to the date fixed for entrance examinations.

Students received on certificate are not matriculated until they have satisfactorily passed the examinations of one term of College work.

Brockway Entrance Prize.

A fund of $500, founded by Dr. A. Norton Brockway, of New York, furnishes a prize for the member of each Freshman Class who passes the best entrance examination. This award will be determined by the work done at the regular examination in September. Candidates admitted in June, either by certificate or on examination, may appear at the September examination, as competitors for the Brockway Prize.

Special Students.

Students who are not candidates for a degree are permitted to elect particular studies which upon examination they prove themselves qualified.

Special students are required to elect, at the least, fourteen exercises for each week, exclusive of the Monday morning exercises.

Any special student whose average for the work of the term and examinations is below 5, shall not be permitted to continue his studies.

Any special student whose general average for the year is 8, or more, may receive a certificate indicating his proficiency.

Any special student who has continued his studies for two years shall receive a certificate indicating his proficiency, and if his general average for the course is 8.5 or more, he shall be permitted to have his name printed on the Commencement programme as a candidate for a Certificate.

Course of Instruction.

The whole Course of Instruction occupies four years, and students in the several classes are usually required to attend three exercises on each day. The degree of Bachelor of Arts is conferred upon students who complete this course.

In the distribution of elective and required studies a mean has been sought between the old rigidly prescribed course and the extreme elective system.

The object of the course is to form the mind to habits of accurate and vigorous thinking and, at the same time, to furnish it with the leading facts and principles in Literature, Science and the Arts.

The Following is a General View of the Studies of Each Term:

FRESHMAN CLASS.

		Hours a week.
First Term,	Homer's Odyssey—*Merry's.*	3
	Greek Grammar—*Allen-Hadley.*	
	Cicero's De Senectute and De Amicitia—*Kelsey's.*	4
	Latin Composition.	
	Roman History.	
	Latin Grammar reviewed.	
	Geometry completed—*Wells'.*	3
	Rhetoric: Principles of Rhetoric—*Hill's.*	5
	Practical Rhetoric—*Genung's.*	
	Crabbe's Synonyms.	
	Bible: The Gospels—*Greek Testament.*	1
	English Composition and Declamation.	2
Second Term,	Livy's XXI and XXII Books—*Capes'.*	4
	Latin Composition.	
	Roman History.	
	Xenophon's Memorabilia—*Winans'.*	4
	Elocution—*Mandeville's Elements of Oratory.*	2
	Lectures on Voice-culture.	
	Algebra—*Thompson & Quimby's.*	5
	Bible: The Gospels—*Greek Testament.*	1
	English Composition and Declamation.	2
Third Term,	Horace's Odes—*Harper's.*	5
	Roman History.	
	Herodotus and Thucydides—*Fernald's Selections.*	6
	Greek History.	
	Plane and Spherical Trigonometry—*Wheeler's.*	4
	Bible: The Gospels—*Greek Testament.*	1
	English Composition and Declamation.	2

SOPHOMORE CLASS.

		Hours a week.
First Term,	Demosthenes' De Corona—*Tyler's.*	4
	Spherical Trigonometry—*Wheeler's.*	3
	Surveying—*Wentworth's.*	
	Tacitus' Germania and Agricola—*Allen's.*	4
	Roman History.	
	Bible: Acts of the Apostles—*Greek Testament.*	1
	German begun—*Brandt's Grammar and Reader, Lodeman's Manual of Exercises.*	4
	English Composition and Declamation.	2

		Hours a week.
SECOND TERM,	Analytical Geometry—*Hardy's.*	6
	English Literature—*Brooke's Primer.* History of English Language. Study of Authors by Periods.	4
	Bible: Acts of the Apostles—*Greek Testament.*	1
	French begun—*Breymann's Grammar, Chardenal's Second Course.*	4
	German Grammar and Exercises—*Brandt's Reader.*	1
	English Composition and Declamation.	2
THIRD TERM,	REQUIRED.	
	Idyls of Theocritus—*Paley's.*	4
	Selections from Tacitus—*Champlin's.* Roman History.	4
	German Grammar and Exercises continued—*Brandt's Reader.*	1
	Bible: Acts of the Apostles—*Greek Testament.*	1
	English Composition and Declamation.	2
	ELECTIVE.	
	French—*Aubert's Littérature Française.* French Grammar continued.	4
	Calculus—*Taylor.* Modern Geometry—*Lectures.*	6
	German—*Brandt's Reader, Schiller's Tell.* German Syntax.	2

JUNIOR CLASS.

		Hours a week.
FIRST TERM,	REQUIRED.	
	Physics—*Atkinson's Ganot.*	6
	Biblical Study—*Lectures.*	1
	English Composition and Declamation.	2
	ELECTIVE.	
	Aeschylus' Agamemnon—*Sidgwick's.*	4
	Calculus—*Taylor.*	4
	French—*Molière's Le Médécin Malgré Lui, Corneille's Horace, Aubert's Littérature Française.*	2
	The Elizabethan Drama—*Rolfe's Shakespeare.*	2
	German—*Schiller's Jungfrau von Orleans, Heine's Prosa ed. by Buchheim.*	4

		Hours a week.
SECOND TERM,	REQUIRED.	
	General Chemistry—*Remsen's.*	6
	Biblical Study—*Lectures.*	1
	English Composition, Debate and Declamation.	3
	ELECTIVE.	
	Terence. / Roman Literature—*Bender's.*	4
	Sophocles' Antigone—*D'Ooge's.*	4
	Early American History.	4
	French—*Crane's Le Romantisme Française and La Société Française au XVIIe Siècle. Aubert continued.*	2
	German—*Lessing's Minna von Barnhelm.*	2
THIRD TERM,	REQUIRED.	
	Astronomy—*Snell's Olmsted.*	4
	History of Legal Institutions—*Pomeroy.*	2
	Theism—*Lectures.*	1
	English Composition, Debate and Declamation.	3
	ELECTIVE.	
	Analytical Chemistry.*	4
	French—*Molière's Comedies, with Historical Grammar, Crane's Le Romantisme Française continued.*	4
	German—*Goethe's Prosa ed. by Hart.*	2
	English Literature—*Lectures on Authors of the 17th and 18th Centuries.* / History of English Prose.	2

SENIOR CLASS.

		Hours a week.
FIRST TERM,	REQUIRED.	
	Constitutional Law—*Cooley's.*	2
	Philosophy of the Mind—*Hamilton's Mental Science.* (3) / Logic. (2)	5
	Natural Religion—*Lectures.*	1
	Debate and Orations.	2
	ELECTIVE.	
	History of Civilization—*Guizot's.*	2
	Mineralogy*—*Dana's Manual.*	4
	German—*Goethe's Faust ed. by Hart or Lee, Goethe's Egmont.* (3) / Advanced Grammar. (1)	4
	Analytical Chemistry.*	4
	English Literature—*Poetry from Wordsworth to Browning.*	2

* The time occupied in Analytical Chemistry is extended to 8 hours, which count for 4 in Laboratory Work, and in Mineralogy to 7 hours, which count for 4.

		Hours a week.
Second Term,	REQUIRED.	
	Moral Science—*Hickok's.*	4
	Natural Religion—*Lectures.*	1
	Constitutional Law continued—*Cooley.* / History of American Politics—*Johnston.*	2
	Debate and Orations.	2
	ELECTIVE.	
	Elements of Municipal Law—*Robinson's.*	4
	Philosophy of the Mind—*Porter's Elements.*	4
	Geology—*Dana's.*	4
	Hebrew—*Harper's Hand-book and Elements.*	4
	Analytical Chemistry continued. / Medical Chemistry.	4
	German—*Schiller's and Lessing's Tragedies, Lessing's Prosa ed. by White.*	4
Third Term,	REQUIRED.	
	Evidences of Christianity—*Lectures.*	1
	Political Economy—*Walker's.* / History of Government Revenue—*Roberts.*	6
	Debate and Orations.	2
	ELECTIVE.	
	Scientific Agriculture—*Pendleton.*	4
	Municipal Law—*Robinson.*	4
	Natural History.	2
	Hebrew.	4
	History of Philosophy—*Schwegler.*	4
	American Literature—*Lectures.*	2

Regulations as to Electives.

I. A student who does not return his elective card properly filled up within the time named on the card, will be assigned to studies by the Faculty at their next regular meeting, unless before that meeting such student shall present to the Faculty a properly filled card and a satisfactory excuse for not presenting it on time.

II. A student will not be permitted to change an elective after the prescribed time for changing elective cards has expired, without application in writing to the Faculty, made not later than at their meeting on the Wednesday immediately preceding the opening of the term.

III. Whenever an elective course is offered the number of hours specified shall mean such number of actual recitations or lectures, for

which the students are held responsible in recitation or term examination. For essays by students none of that number of hours shall be given up, unless it be for the reading of the same to the class. In case preparation outside of the class-room is not required for an exercise, the student will work in the class-room or laboratory two hours for each schedule hour.

Religious Instruction.

Morning prayers with reading of the Scriptures, are attended daily in the College Chapel. Public services are held in the Chapel each Sabbath morning, when all the students are required to be present, except such as have permission to attend at other places of worship. Sabbath evening there are religious services, which students and others are invited to attend. For many years a noon-day prayer meeting has been sustained by the students. A church has been organized on such principles as to embrace members from various evangelical denominations. For the promotion of their spiritual good and highest usefulness, it is desirable that all professors of religion coming to the Institution should bring letters and connect themselves with the College Church.

A systematic course of Biblical Instruction is arranged for the several classes, a statement of which may be found in the General View of the Studies of the Year. The Young Men's Christian Association, formerly the "Society of Christian Research," holds its meetings monthly, when reports are read on the condition of Christian Missions in various parts of the world, and questions of religious interest are discussed. The Annual Address before this Society was delivered last Commencement by the Rev. James Stevenson Riggs, D. D., Professor of Biblical Greek in Auburn Theological Seminary.

Public Exhibitions.

1. Clark Prize Exhibition, Wednesday evening following the last Senior Examination.
2. McKinney Prize Declamation, on Monday evening of Commencement week.
3. McKinney Prize Debate, Tuesday evening of Commencement week.
4. Commencement, on the last Thursday in June.

Examinations.

1. Of all the Classes, at the close of the First Term.
2. Of all the Classes, at the close of the Second Term.
3. Of the Senior Class, three weeks previous to Commencement.
4. Of the other three Classes, the week previous to Commencement.
5. Of Delinquents, on the first Saturday of each Term.

6. Of MUNSON Prize Competitors in French, on the day previous to the Regular Examination of the Third Term.

7. Of TOMPKINS Prize Competitors, last Thursday of the First Term.

8. Of Prize Competitors in Metaphysics, Saturday before the last Senior Examination.

9. Of CURRAN Prize Competitors, last Thursday of the Second Term.

10. Of MUNSON Prize Competitors in German, on the Wednesday preceding the regular examination of the Second Term.

11. Of UNDERWOOD Prize Competitors, on the last Thursday of the Second Term.

12. Of SOUTHWORTH Prize Competitors, on the first Friday in the Second Term.

13. Of Candidates for admission, at each Commencement, and at the opening of each Term.

14. Of Competitors for the BROCKWAY Prize, at the opening of the Fall Term.

Expenses.

Board, from $3.00 to $4.50 per week,	$117 00	to	$171 00
Fuel and Lights,	10 00	"	15 00
Rent for Rooms, unfurnished, from $6.00 to $12.00 per term,			
Ordinary expenses; sweeping and heating the public rooms, $5.00 per term,	15 00	"	15 00
Tuition, $25.00 per term,	75 00	"	75 00
Amount,	$217 00		$276 00

In addition to the preceding, in case any damages are voluntarily committed in the community of students, the cost of replacing or repairing the property so damaged is charged to the individuals committing the damage, when they are known; to the whole body of students when not known. Rooms may be leased from Professor Chester, the Curator of the College buildings.

Payment of Bills.

It is provided by a resolution of the Board of Trustees—

1. THAT ALL STUDENTS BE REQUIRED TO PAY THEIR TERM BILLS IN ADVANCE, and that no student be admitted to the recitation room after the second week of the term, unless his bills have been paid or arranged to the satisfaction of the Treasurer.

2. That no student can have an honorable dismission from the College or certificate of his previous attendance in it, until his bills are paid or satisfactorily secured.

3. That in extreme cases a student whose circumstances render it necessary, and who shall present satisfactory testimonials of the fact to the President, if he is a worthy member of College, and his undergraduate course is completed in this Institution, can have his bills for tuition remitted.

Pecuniary Aid.

Students who are candidates for the Christian Ministry, may receive aid, if their circumstances require it, to the amount of one hundred dollars a year, by placing themselves under the care of the Presbyterian Board of Education, or under that of the American College and Education Society.

Scholarships.

Twenty-four permanent scholarships have been established, which vary in their annual income from sixty dollars to one hundred. Mr. SAMUEL H. JARDIN, of Philadelphia, Pa., has given $4,000 for a permanent scholarship. Other scholarship funds include the recent gift of $3,500 by Mr. THEODORE S. HUBBARD, of Geneva; $3,000 by H. B. SILLIMAN, Esq., of Cohoes; $4,000 from the MARQUAND estate; $2,000 by Mr. JOHN B. WELLS, of Utica; $2,000 by Miss LAURA CARTER, of Geneva; $2,000 by Mrs. Dr. SYLVESTER WILLARD, of Auburn; $2,000 by Mr. ALEXANDER FOLSOM, of Albany; $1,500 by Mr. WILLIAM BURTON, of Waterford; $1,500 by C. C. SHEPPARD, Esq., of Penn Yan; and $10,000 by a friend of the College for the establishment of five scholarships of $2,000 each.

By the gift of $10,000, the Hon. ELIAS WARNER LEAVENWORTH, LL. D., of Syracuse, permanently established the LEAVENWORTH scholarships. The occupants of this scholarship will be students to be named by the President.

Applications for scholarships, or for any pecuniary aid, must be made to the President, in writing, and students most needy and most deserving will have the preference. The assignment of some of the scholarships is affected by special provisions. In any case, if the student is habitually negligent in College duties, or incurs a serious college censure, he will be liable to have the aid granted summarily withdrawn.

Prize Scholarships.

The fourth award of the TRUAX Greek scholarship, founded by CHAUNCEY S. TRUAX, Esq., of New York City, (class of 1875), will be made to that member of the Class of 1891, who maintains the highest rank in the Greek studies of the regular undergraduate course. The income of this scholarship will be $200, payable during the second term of Senior year.

The third award of the EDWARD HUNTINGTON Mathematical scholarship of $200, founded by Mr. ALEXANDER C. SOPER, of Chicago, Ill., (class of 1867), will be made at the close of the present year to the best mathematical scholar of the class of 1891, on condition that his undergraduate course is completed in this College.

A prize scholarship, endowed by Hon. IRA DAVENPORT, of Bath, yields $100 a year to a graduate of the Haverling Institute at Bath. Another prize scholarship has been endowed by Dr. WILLIAM O. PERKINS, of Boston, Mass., for graduates of the Clinton Grammar School.

Absences and Excuses.

I. Two Monitors, appointed from the Junior Class, at the beginning of the Senior vacation, keep the record of attendance upon morning prayers, Sabbath chapel service, and Rhetorical exercises; and hand the same to the President, Thursday morning, to be corrected by him, so that the Clerk of the Faculty may enter the unexcused absences upon the College record at the regular Faculty meeting of the following Friday.

II. Absences will be allowed without excuse not exceeding one-tenth of the assigned exercises in each department.

Assigned exercises are as follows:

	1st Term.	*2d Term.*	*3d Term.*
Morning Chapel,	80	70	60
Exercises having—			
One hour per week,	10	10	10
Two hours per week,	20	20	20
Three hours per week,	40	30	30
Four hours per week,	50	40	40
Five hours per week,	60	60	50
Six hours per week,	70	70	60

III. Absence in excess of these will not be excused except—

(1) On account of serious sickness properly brought to the notice of the Faculty.

(2) Absence from College for reasons presented in writing prior to the absence and considered sufficient by the Faculty.

IV. Whenever the total of absences equals the whole number allowed for the term, the student shall be notified that his privilege is exhausted.

V. Absences in excess of those allowed or excused will be marked *unexcused*, and an aggregate of ten such marks shall bring a warning, of which both guardian and student shall be notified. The warning thus incurred shall take away any remaining privilege of absence for the term in which it is given, and can only be cancelled by the lapse of one entire term without any unexcused absence.

VI. Any additional unexcused absence shall render the student liable (until the warning is cancelled as above) to separation from College.

VII. A warning incurred as a matter of discipline shall forfeit, for the remainder of the term in which it is given, the privilege of allowed absences.

VIII. A second warning for misconduct shall separate a student from College, for such time as shall be decided by the Faculty.

IX. All students who have not made special arrangements with the President to attend Sabbath service elsewhere, are required to attend the Sabbath chapel service. Students who make such arrangements are

required to hand the President, at the close of each term, a written statement of their attendance upon the chosen place of worship.

X. Not more than two delegates can be excused to leave town to attend any society or other convention.

XI. No deduction for absence will be made in the Term bills, where the student returns to the same class.

XII. Members of the Senior class can not be graduated unless they have been in attendance during two terms of the Senior year. No student is permitted to take part in the exercises of Commencement day who has not spent the Third Term of his Senior Year in College, and made his preparation also in College.

XIII. During vacations the College buildings are closed; and it is not thought desirable that students from abroad should remain in Clinton.

XIV. No CLARK Prize Oration or Prize Essay will be received from a student who is absent more than two weeks of the Winter Term. No student who is absent more than two weeks after the announcement of subjects, can be a competitor for the PRUYN, HEAD or KIRKLAND prize.

Determination of Standing.

1. Each instructor keeps a record of all College exercises in his department, according to a scale of merit ranging from *ten* to *zero*.

2. If a student who is present and prepared to recite, is not called at any exercise, he receives a credit equal to the average of his actual performance for that term.

3. For each exercise including examinations, from which a student is absent and not excused, he is marked zero.

4. In estimating the value of class exercises, promptness and regularity are regarded as a merit; and all exercises, performed out of their regular time, are liable to a discount, if the circumstances seem to require it.

Second Degrees.

Graduates of three years' standing, who have continued their studies, are entitled to the degree of Master of Arts, on application to the President. The fee for the Degree and Diploma is $5.00, payable in advance.

Department of Chemistry and Mineralogy.

General Chemistry.

The Junior Class receives a course of instruction in General Chemistry, which includes recitations from the text-book, and lectures illustrated by experiments.

The general method pursued is to have a recitation from the text-book every day, the exercises being concluded with a short lecture by the Professor, in which the next day's lesson is explained, experiments being given and specimens shown, in illustration of the subject. The exercises are occasionally varied by lectures on topics of scientific interest.

Agricultural Chemistry.

A course in Scientific Agriculture is given to the Senior Class. The same method of instruction is adopted as in general Chemistry, the course consisting of recitations from the text-book, followed by short lectures from the Professor, explaining and illustrating the next day's lesson. The microscope is freely used in the study of plant structure, and facilities are given to the class to become acquainted with the facts on which this science is based. Special instruction in the use of the microscope is also given when desired.

Analytical Chemistry.

After the course in General Chemistry is completed, a thorough course in Qualitative Analysis may be taken, for which each student has his own desk in the Laboratory, with a suitable supply of apparatus, and goes over a definite course of experimental work, until he has attained facility in manipulation, as well as a knowledge of the subject which prepares him to take up Quantitative Analysis, Medical Chemistry, or some other more advanced branch connected with the general subject. Two hours' work in the Laboratory is equivalent to an hour of recitation work.

Underwood Prizes.

At the close of the Second Term a special examination is held, and the two students who exhibit the most thorough knowledge of the subject are awarded prizes of twenty and ten dollars respectively.

Graduates and Special Students.

Students who desire it may continue their chemical studies after graduation, taking up such branches as they choose. The privileges of the Laboratory are also given to special students who may elect chemistry as one of their studies, and to persons not otherwise connected with the College and who wish to devote their whole time to this branch. The needed apparatus and chemicals are furnished to the students at dealers' rates. A small charge is made for the use of apparatus which is returned in good order.

The Laboratory is furnished with every facility for conducting chemical investigation, including the analysis of ores and technical products, and such work is constantly in progress there.

Mineralogy.

The course in Mineralogy is arranged so as to give as complete a knowledge of the subject as the time will allow. Each student is provided with a desk and the needed apparatus, and ample time is given for the actual testing of all common minerals and many of the rarer ones. The student is taught to rely on his own judgment and observation, and also gains a valuable facility in manipulation. The text-book is also used, regular lessons being prepared, as it is not thought desirable to give the whole time to practical work. Here as in the Chemical Laboratory, two hours of experimental work are the equivalent of an hour of recitation. Constant use is made of the extensive College collections which have now been permanently arranged in the reconstructed Knox Hall. The collections are the accumulation resulting from the indefatigable exertion of Dr. Oren Root, so many years Professor of Mineralogy, and they stand to-day an appropriate and enduring monument to his ceaseless devotion to this branch of science. The specimens are so arranged that each one can be well seen, the general collection, in scientific order, being in table cases, and the larger specimens in wall cases. A special feature is made of the minerals from this State, and a large case is filled with them, a few from the same horizon in Canada being added. Among them may be found many unique specimens, some of which are the finest known of their several kinds. By vote of the trustees this collection has been set up as a special tribute to Dr. Root, and named The Oren Root Collection of New York State Minerals.

Crystallography is taught by the aid of a collection of models representing all its more important forms, and the students are taught to distinguish them not merely by inspection, but by a careful comparison of their mathematical relations.

Department of Natural History.

Knox Hall of Natural History.

The KNOX HALL OF NATURAL HISTORY has been completed after plans furnished by FREDERICK H. GOUGE, of Utica, at the expense of a fund bequeathed to the College by the late Hon. JAMES KNOX, LL. D., of Knoxville, Illinois. The new building contains two spacious exhibiting rooms and a large lecture room, with convenient store and working rooms.

The Geological and Mineralogical Cabinets and Collections in Natural History, embrace the following, viz.:

1. 2,500 Specimens of Fossils and Rocks to illustrate the Geology of New York.
2. 1,000 Specimens to illustrate the Geology of the United States.
3. 600 Fossils, mostly from the Silurian Formations of Europe.
4. 500 Specimens from the Coal Formations of the United States.
5. 250 Specimens from the New Red Sandstone Formation.
6. 2,000 Specimens of Land, Fresh Water, and Marine Shells.
7. 300 Specimens in Ornithology from China.
8. Plants from China, presented by the late Dr. S. WELLS WILLIAMS.
9. One Case of Birds from the Transit of Venus Expedition.
10. 300 Specimens of Oneida County Birds.
11. 10,000 Specimens of Ores and Minerals.
12. The BARLOW COLLECTION, including 15,000 Specimens in Entomology, presented by Hon. THOMAS BARLOW, Canastota.

Sartwell Hebarium.

Through the liberality of the late HAMILTON WHITE, of Syracuse, the College collections in Natural History have been enriched by the HERBARIUM, collected by the late Dr. H. P. SARTWELL, of Penn Yan, and well known in scientific circles as a very extensive and valuable exhibition of our North American Flora. This HERBARIUM is the result of fifty years of botanical study, research and correspondence. It contains eight thousand samples of plants, skillfully cured, accurately labeled and conveniently classified in sixty-two handsome volumes. Among the more unique or useful specimens, are *451 Mosses, 226 Lichens, 342 Sea-Weeds, 600 Fungi, 575 Ferns, 314 Grasses, 200 Ericaceæ.*

Barlow Collection.

Judge THOMAS BARLOW, of Canastota, has supplemented the recent gift of his large and valuable entomological collection by an almost equally valuable collection in ornithological and comparative anatomy. The college collections are now very extensive and of great importance, because so fully representing the fauna of Central New York. Among the many and interesting specimens is one array, probably unique. Side by side are three generations of the seventeen-year locust, (*cicada septendecin Linn.*,) collected by Judge BARLOW, and from the same locality, on the 12th of June, 1848, the 11th of June, 1865, and the 17th of June, 1882; thus proving that "although disturbing causes may occasionally accelerate or retard the return of individuals, or even of an entire swarm, yet the lineal descendants of one particular family or swarm come forth only once in seventeen years."

Department of Intellectual Philosophy.

In this department Intellectual Philosophy is taught by means of text-books, lectures, discussions and essays. The principal text-book is Professor HAMILTON's recently published treatise "Mental Science." The first term of the Senior year is devoted largely to this text-book, and to the work of imparting the radical principles of Mental Science. But lectures are also given, discussion is encouraged, and essays are called for. The subjects for essays are assigned some time in advance by the Professor. The Metaphysical Department of the library is especially at the service of the students, while they may be investigating particular topics.

During the second and third terms more advanced instruction will be given. The aim will be to apply the fundamental principles of Mental Philosophy to the concrete phases of mental life, and also to acquaint the class with the history of opinions and with the contrasted systems of different schools. Lectures will be given more freely than during the first term.

The prizes in Metaphysics, first and second, are awarded at the close of the metaphysical course. The award is based upon the results of a written examination held towards the close of the last term, upon the merits of original essays on some philosophical topic, and upon the averages of standing in the regular work of the year.

Department of Law, History, Civil Polity and Political Economy.

The text-book is the basis of instruction in this department. Students are required to memorize definitions and leading propositions, and to reproduce, in their own language, the views, arguments and illustrations of the author. They are also questioned upon the topics of each lesson, with the double purpose of ascertaining how thoroughly they have mastered the subject, and of stimulating originality of thought.

Instruction is not, however, confined to the text-book, nor are the students allowed to accept without question the conclusions of the author studied. On the other hand, the opinions of leading writers who question or antagonize the views of the author are presented to the class, either in comments on the topics of the daily lesson, or in formal lectures, care being taken at the same time to ground the students in sound principles, and to train them to correct methods of investigation and reasoning.

Studies in history are selected and pursued with special reference to their bearing on the other branches of this department. A careful investigation of the industrial history of nations accompanies the study of political economy as a science; and lectures on the history of law and of institutions with suggestions as to proper course of reading, supplement the text-books on municipal and constitutional law.

In Political Economy and other studies of this department, the class is divided into sections for exercises in extemporaneous debate. Each week, a subject previously allotted is discussed by one section of the class. With the announcement of the subject, authorities bearing on it are given, and the students present the results of their investigation in their debates.

The instruction in municipal law is not wholly technical nor intended solely for those who are to enter the legal profession. Its scope is wide, and its aim is to acquaint the student with the leading principles of legal science, and to give them a clear and accurate conception of our legal system as a whole.

In studying civil polity, the Constitution of the United States is the central object of attention. The leading features of our political law and development, however are carefully compared with those of other countries, especially of England, in order that a full view of the fundamental principles of constitutional law may be obtained.

Essays on subjects which are assigned from time to time to the class, indicate the progress made by the students in municipal law and civil polity, as well as the extent to which they have pursued the courses of reading commended to them.

Department of Greek.

Details of the work undertaken, from term to term, in the Department of Greek Language and Literature, will be found in the General View of Studies. The course in Greek begins with a thorough review of the Grammar, and the reading of Greek authors is attended with critical exercises in Etymology, Syntax and Prosody. Frequent reviews are called for, and are believed to be useful in strengthening the memory, in bringing each author to serve as his own interpreter, and in forming the habit of prompt, accurate and vigorous expression. There is no lack of endeavor through occasional lectures and daily illustration to point out the vital connection of the ancient Greek Language and Literature with all modern progress in expression and criticism, in science and art, in philosophy and government. The critical study of New Testament Greek is continued for two years, with exercises each Monday morning.

The award of the CURRAN and HAWLEY medals is determined by a written examination in Greek and Latin, at the close of the Second Junior term. The TRUAX Greek Scholarship is awarded at the close of each college year to that member of the Junior Class who maintains the highest rank in the Greek studies of the first three years.

Department of Latin.

The English method of pronouncing Latin is used and recommended. In reading the Latin authors, accuracy in pronunciation and translation, as well as a thorough knowledge of Syntax, is insisted upon. To this end the study of the Grammar is carried on in connection with the reading. The authors read, however, are not considered as furnishing only an exercise in Grammar. They are studied with reference to the thought and style, and largely in their relations to the times they represent. Beginning with the second Freshman term, the study of Roman History is carried on till the close of Sophomore year. In connection with the twenty-first Book of Livy, the History of the Punic wars is taken up. The Odes of Horace are read in connection with the History of the Civil wars—the death of Cæsar and the succession of Augustus. The Germania and Agricola are naturally attended by the study of the Imperial History from Tiberius to Nero inclusive; while in reading the Histories of Tacitus, the student is aided by broader studies of the period from the death of Nero to the rise of Vespasian.

These exercises in history consist of oral recitations, written abstracts and frequent comments by way of illustration or explanation. A regular feature of the exercise in Latin is *written translation*, by which it is thought that both elegance and accuracy are secured.

Lectures are given from time to time on subjects connected with the studies of each term. The examinations at the close of each term are frequently written, sometimes oral, or written and oral combined.

Department of French, German, Anglo-Saxon and Philology.

I. French and German are required during Sophomore year, one term each, with an additional hour for German on Thursdays through the year. In this time a thorough acquaintance with Grammar and a reading knowledge are aimed at. The oral method is employed with the aid of *Chardenal's Courses* in French, and *Lodeman's Manual* in German, so that from the very outset the student's ear may be trained.

As electives, French may be carried to the end of Junior year, and German to the end of the Second term of Senior year, in regular progressive courses from which the student cannot well drop more than one term in each language. An acquaintance with the masterpieces of French and German literature, a thorough, practical and philological knowledge of the language are aimed at. Along with the Elective History of Junior Year, French and German Historical Prose is read. Senior year, German Lectures are delivered and the recitations are largely conducted in German. Each course ends in a prize examination.

These studies will include:

(*a.*) Readings from the Classical Literature of France and Germany. The readings vary from year to year, but *Molière's Comedies*, *Schiller's Wallenstein*, *Lessing's Prose* and *Minna Von Barnhelm*, and *Goethe's Faust* I and II, are always read. See the schedule of studies.

(*b.*) Higher Grammar, including Phonetic Laws, the History and Development of forms, the history of each language, with special reference to the relations of English and German, and French and English.

(*c.*) Analysis and Synthesis of English, French and German sounds, with the aid of *Sweet's Hand-Book of Phonetics and Sound Notation*, *Whitney's Elements of English Pronunciation.*

(*d.*) Outlines of the History of French and German Literature.

(*e.*) Prose composition once a week during Sophomore year, and later on topics of special difficulty in the Grammar, chosen from *Lodeman's Manual.* Critical essays upon the authors studied.

II. Anglo-Saxon: *Sweet's Primer and Reader*, with translation into German, and Lectures on Historical and Comparative Grammar, with the aid of *Kluge's* and *Skeat's Etymological Dictionaries*, *Paul's Principles of Language History* and *Whitney's Life and Growth of Language*, *Skeat's Principles of English Etymology*, and *Sweet's History of English Sounds.*

III. Lectures are given on Comparative Philology, and on the Science of Language, with the aid of *Paul's Principles of Language History*, *Whitney's* and *Sievers'* articles on Philology in the "Encyclopedia Britannica," and *Wheeler's* monograph on Analogy.

Department of Mathematics.

The required work of the Mathematical Department extends through the first five terms of the course. There are four terms of elective study; two in the Calculus, and two in special higher work, including for this year the subjects of Determinants and Trilinear Coördinates.

Written reviews are required at frequent intervals. Students absent from these reviews, for any reason, must make them up or suffer heavy reduction in grade. The exercises given for blackboard work at recitations are rarely those of the text. The object in view is not only acquisition of principles and formulas of mathematics; but even more the development of power to analyze and reason with mathematical symbols.

To incite those having talents and taste for mathematics to increased exertion and acquirement, problems of special interest are frequently assigned for voluntary solution—such work tending to increase the average grade.

The examination for the Tompkins Prize involves the work of the class for one term of twelve weeks in Analytical Geometry, and two terms of eleven and thirteen weeks respectively in the Calculus. The problems presented at this examination for solution, while involving the methods and principles with which the class are more or less familiar, are never those which have been presented to the class before. It is intended that this examination shall be a test of the ability of the competitors to apply in new directions, readily and accurately, the principles and methods of the course in mathematics.

The Third Mathematical Prize Scholarship will be awarded at the close of the present year to the best mathematician of the class of 1890. The award will be determined by the mathematical standing for the course, the record of the Tompkins Prize Examination and an examination upon "Ferrer's Trilinear Coördinates."

REGULATIONS FOR THE THIRTY-FIFTH

Tompkins Mathematical Prize Examination.

THURSDAY, DECEMBER 12, 1889.

1. The examination will be held in the Examination Hall, beginning at nine o'clock, and closing at one.

2. The work to be done will be the solution of eight problems, founded upon the mathematics of Sophomore year, and first term Junior.

3. Each competitor must bring with him materials for writing, but no written or printed matter.

4. Copies of the successful Prize Papers will be preserved.

Department of Elocution, Rhetoric and English Literature.

I. Rhetoric is studied by the Freshman Class during the First Term from Hill's Principles of Rhetoric. The study of the text-book is supplemented by the study of Synonyms, by written exercises in criticism and the different kinds of discourse, and by illustrations of style from English Classics.

II. Class instruction with individual drill in Elocution is given during the Second Term of Freshman year. Competitors in the Prize Exhibitions receive special drill in Oratory.

III. English Literature is studied by the Sophomores during the Second Term. An outline history is obtained from Stopford Brooke's "Primer of English Literature." In addition to this work, the Sophomores make a special study of one author in each of the chief periods; and each student is expected to select two authors from a course for private reading.

IV. Essays are written each term by members of the Freshman and Sophomore Classes, on subjects assigned by the Professor; and these essays are returned to the writers with corrections and suggestions concerning style.

V. *Electives.*—Four terms of Electives are given, two in the Junior year and two in the Senior year. It is the purpose to vary this work in different years, yet to study the most directive and stimulating authors and eras.

The course for the year 1889–90 includes the Elizabethan Drama, the Literature of the Seventeenth Century, English Poetry from Wordsworth to Browning, and Lectures on American Authors.

Department of Astronomy.

Litchfield Observatory.

The Astronomical Professorship and the Observatory have been very liberally endowed by the late Hon. EDWIN C. LITCHFIELD, LL. D., of Brooklyn.

The Observatory consists of a central building, with wings on the east and west sides. The central building is twenty-seven feet square, and two stories high, surmounted by a revolving tower twenty feet in diameter. The great Equatorial in the tower, constructed by Spencer and Eaton has an object class 13.5 inches in diameter, and focal length of

nearly sixteen feet; it is provided with six positive and six negative eye pieces, with a ring and filar micrometer. For solar observations it has a prismatic polarizing eye-piece of original construction by the late Robert B. Tolles, of Boston, Mass. The declination circle of twenty-four inches by means of four verniers reads to four seconds of arc; the hour circle of fourteen inches, by means of two verniers, reads to two seconds of time. The instrument is mounted upon a granite shaft, nine feet in height, resting upon a piece of solid masonry. A clock work, with *Bond's* isodynamic escapement and spring governor, causes the telescope to follow the daily motion of the stars, by acting upon long arms attached to the equatorial axis. The wings are each eighteen feet square; the east room is used as an office for the director. In the west room is mounted a portable transit instrument 2½ inches aperture, the gift of Hon. ANSON S. MILLER, LL. D., of Santa Cruz, Cal.

Near the Transit is an Astronomical Clock, constructed by William Bond & Son, Boston. It is regulated for mean time, and provided with the brake circuit for telegraphic operations. By the side of the Clock is a Chronograph of Bond's construction. These instruments have been connected by a telegraph wire with the nearest station; and the longitude of the Observatory has thus been accurately determined by exchanging star signals with the Harvard College Observatory, at Cambridge, Mass. The Litchfield Observatory has been used as the basis of several longitudes in the State, determined under the auspices of the Regents of the University at Buffalo, Syracuse, Elmira, Ogdensburg, and of the longitude of the Detroit Observatory, at Ann Arbor, Mich., which latter forms the fundamental point for the longitude of the Lake Survey. The latest work of this kind has been to determine the longitude of the western boundary of the State of New York.

In order to observe the total eclipse of the sun, August 7, 1869, Mr. LITCHFIELD presented a fine portable telescope, the make of Messrs. STEINHEIL SONS, of Munich, with four (French) inches aperture, five feet focal length. It is mounted parallactically on a solid iron tripod, with setting circles for right ascension and declination, and has also a tangent screw for following the daily motion of a star. It has two terrestrial and six astronomical eye-pieces, (varying in power from 40 to 360,) a ring and a scale micrometer, and a sliding wedge for moderating the light. There is, moreover, fitted to the eye tube a direct vision spectroscope, with five prisms, for analyzing the light of the sun and its protuberances.

Another telescope of the comet-seeker construction, was brought from Europe by the Director sixteen years ago. It was made by Mr. HUGO SCHROEDER, of Hamburg, and its object-glass has five inches aperture.

The zone star observations taken at the Litchfield Observatory, now number over 100,000. Twenty of the celestial charts, for which the zone stars form the skeleton, were published six years ago, (at private expense,) and distributed gratuitously from the Litchfield Observatory to other observatories, learned societies and private individuals, in return for favors received.

The following FORTY-EIGHT ASTEROIDS were first discovered at the LITCHFIELD OBSERVATORY.

	Name.	Diameter in miles.	Surface in square miles.	Discovered.
No.	72, FERONIA,	24,9	1950	May 29, 1861.
"	75, EURYDICE,	31,4	3090	September 22, 1862.
"	77, FRIGGA,	39,5	4898	November 12, 1862.
"	85, IO,	43,3	5888	September 19, 1865.
"	88, THISBE,	49,7	7762	June 15, 1866.
"	92, UNDINE,	68,6	14790	July 7, 1867.
"	98, IANTHE,	32,8	3388	April 18, 1868.
"	102, MIRIAM,	19,8	1230	August 22, 1868.
"	109, FELICITAS,	27,3	2344	October 9, 1869.
"	111, ATE,	34,4	3715	August 15, 1870.
"	112, IPHIGENIA,	26,1	2138	September 19, 1870.
"	114, CASSANDRA,	41,3	5370	July 23, 1871.
"	116, SIRONA,	52,0	8511	September 8, 1871.
"	122, GERDA,	54,5	9332	July 31, 1872.
"	123, BRUNHILDA,	30,0	2818	July 31, 1872.
"	124, ALCESTIS,	57,1	10233	August 23, 1872.
"	129, ANTIGONE,	71,8	16218	February 6, 1873.
"	130, ELECTRA,	75,2	17783	February 17, 1873.
"	131, VALA,	22,7	1622	May 25, 1873.
"	135, HERTHA,	41,3	5370	February 18, 1874.
"	144, VIBILIA,	47,5	7080	June 3, 1875.
"	145, ADEONA,	39,5	4898	June 3, 1875.
"	160, UNA,	31.4	3090	February 20, 1876.
"	165, LORELEY,	59,6	11220	August 9, 1876.
"	166, RHODOPE,	21,7	1479	August 15, 1876.
"	167, URDA,	22,7	1622	August 28, 1876.
"	176, IDUNA,	37,7	4467	October 14, 1877.
"	185, EUNIKE,	59,6	11220	March 1, 1878.
"	188, MENIPPE,	19,8	1230	June 18, 1878.
"	189, PHTHIA,	28,6	2570	September 9, 1878.
"	190, ISMENE,	68,6	14790	September 22, 1878.
"	191, KOLGA,	37.7	4467	September 30, 1878.
"	194, PROKNE,	47,5	7080	March 21, 1879.
"	196, PHILOMELA,	82,5	21380	May 14, 1879.
"	199, BYBLIS,	39,5	4898	July 9, 1879.
"	200, DYNAMENE,	45,3	6456	July 27, 1879.
"	202, CHRYSEIS,	68,6	14791	September 11, 1879.
"	203, POMPEIA,	31,4	3090	September 25, 1879.
"	206, HERSILIA,	—	—	October 13, 1879.
"	209, DIDO,	54,5	9332	October 22, 1879.
"	213, LILÆA,	32,8	3388	February 16, 1880.
"	234, BARBARA,	—	—	August 12, 1883.
"	249, ILSE,	—	—	August 17, 1885.
"	259, ALETHEIA,	—	—	June 28, 1886.
"	261, PRYMNO,	—	—	October 31, 1886.
"	264, LIBUSSA,	—	—	December 17, 1886.
"	270, ANAHITA,	—	—	October 8, 1887.
"	287, NEPHTHYS,	—	—	August 25, 1889.

Regulations for Commencement Appointments and Department Honors.

1. Of Commencement Appointments:

All the members of the graduating class will be required to write Orations for Commencement, and have the privilege of appearing as Commencement Speakers.

2. Of General Honors:

Each class shall be divided into the following groups, viz.:

High Honor; Honor; Graduation with Credit; Graduation.

The High Honor group shall comprise those whose average is 9.25 or over. The Honor group those whose average is from 8.85 to 9.25. The Credit group those whose average is from 8.30 to 8.85.

An annual announcement of standing shall be made of the High Honor, Honor and Credit groups for the previous year. This announcement shall be publicly made at the opening of each year.

The Valedictorian and Salutatorian shall be the two members of the graduating class who have the highest standing.

3. Of Department Honors:

In each of the following departments, viz.: Greek; Latin; Mathematics; German; French; English; Science; Philosophy; History and Law; one Honor shall be awarded, at the end of the course, on the basis of the best average grade in the required and elective work of the department.

Provided—1st. That no one shall receive a department honor whose general average is below 8.30. And *2d.* If a department honor be awarded to the Valedictorian or Salutatorian, another honor may be awarded in that department.

Silliman Hall.

Students who are members of the Young Men's Christian Association have the use of a very convenient and attractive hall, for which they are indebted to the large generosity of one of the Trustees of the College, Mr. Horace B. Silliman, of Cohoes. This building is in the Romanesque style. The walls are of Deerfield brick, with brown stone trimmings, and a circular tower at the southeast corner ends in a covered balcony. On the first floor, the main entrance through an arched vestibule, leads, on the right, to a well-lighted reading-room, 18x30 feet, with an open fire-place; and on the left to a reception-room, 19x20 feet, with broad windows and an open fire-place. Opening from the reading and the reception-room is a large parlor, with an old style fire-place. Near the entrance are cloak-rooms and the Secretary's office. On the second floor two prayer-meeting rooms are connected by an arch with folding doors. On this floor are convenient rooms for Committees and for the Secretary. The rooms are all finished with natural woods. All parts of the building are heated with steam and well lighted, at the expense of a permanent fund given by Mr. Silliman. The plans for Silliman Hall were prepared by Fuller & Wheeler, Architects, of Albany.

Wm. H. Skinner Hall.

Through the generosity of Wm. H. Skinner, Esq., of Vernon Centre, repairs have been made in North College even more extensive than those for which South College is indebted to the late Hon John N. Hungerford, of Corning. The west wall of North College has been entirely rebuilt, and the other walls have been thoroughly strengthened. The greatest improvement is in the interior. All the wood work and plaster were removed, and the whole finished in the Queen Anne style. The middle rooms are provided with adequate ventilation. Each suite consists of sitting room, bed room, coal room and closet. The coal rooms are all arranged so that they can be filled from the halls. There are vestibules at each entrance, and new staircases from bottom to top. There are two new recitation rooms on the first floor, and two section rooms. Wm. H. Skinner Hall, as it is hereafter to be known, has become one of the most pleasant and attractive buildings on the campus.

The Library.

I. *The Building.*—The Perry H. Smith Library building is two stories above the basement; seventy-five feet long and fifty broad. The first floor above the basement is divided into the vestibule and hall, two rooms for the librarian, and the Library proper. The alcoves in the library room are arranged in three tiers, one above another, and with the adjacent walls and the librarian's rooms, will furnish a place for 75,000 volumes.

II. *The Classification.*—The 35,000 volumes and pamphlets of the Library have been carefully arranged the past year according to the Dewey system. The classification consists of ten chief groups, viz.: General Works, Philosophy, Religion, Sociology, Science, Philology, Useful Arts, Fine Arts, Literature and History.

III. *The Catalogue.*—A Card-Catalogue of the entire library, authors and topics, is being prepared, and will be arranged in alphabetical order. Cards have now been written for History, including Biography, Geography and Travels; and for Literature, English, French and German.

IV.—*Special Collections.*—The Noyes *Law Library* contains the 5,000 volumes given by the late William Curtis Noyes. The collection consists of all the American Reports, with scarcely an exception, down to

1864; of all the English Reports of Law and Chancery, and in the Exchequer, down to the year 1860; and all the Scotch decisions, in the Judiciary, Senior Courts, and House of Lords; and the Irish Reports in Law and Equity.

The ROBINSON *Library* has 2,500 volumes, including many rare books on Oriental travel and research, collected by the late EDWARD ROBINSON, D. D., of Union Theological Seminary.

The TRUAX *Classical Library* now numbers 1,200 volumes, and is yearly gaining, by the gifts of Judge CHARLES H. TRUAX, of the Superior Court of New York city, in rare editions and in the most recent works of Classical scholarship.

The TOMPKINS section in Mathematics has 150 volumes, the DANFORTH section in Education 1,000 volumes, and the MEARS section in Philosophy 200 volumes.

Recent Donations.

Since the publication of the last annual catalogue, 1,028 volumes have been added as donations to the College Library, in addition to a large donation recently received from Col. JAMES O. WOODWARD, Albany. The following is a list of the donors:

ALANSON TRASK, Saratoga Springs; ALEXANDER MILNE, Stamford, Conn.; Col. JAMES O. WOODWARD, Albany; Hon. T. W. DWIGHT, H. B. TOMPKINS, and Judge CHARLES H. TRUAX, New York; Hon. T. F. BAYARD, Hon. W. L. TRENHOLM, Senator FRANK HISCOCK, Hon. T. M. COOLEY, Hon. AUGUSTUS SCHOONMAKER, Hon. CARROLL D. WRIGHT, Gen. W. B. HAZEN, Washington, D. C.; Major O. M. WILSON, Arkansas City, Kan.; Rev. Dr. A. H. BRADFORD, Montclair, N. J.; W. S. WALCOTT, New York Mills; Mrs. ANNA S. BOOTH, Englewood, N. J.; Mrs. B. F. PERRY, Greenville, S. C.; Hon. FRANK B. ARNOLD, Unadilla; HANNIBAL SMITH, Watertown; Dr. SELDEN H. TALCOTT, Middletown; Rev. GEORGE S. WEBSTER, East Orange, N. J.; Rev. Dr. M. WOOLSEY STRYKER, S. A. KEAN & Co., Chicago, Ill.; Hon. GEORGE G. MCADAM, Rome; M. R. HAMILTON, Newark, N. J.; Rev. Dr. S. W. BOARDMAN, Maryville College, Tenn.; RICHARD RANDOLPH, Philadelphia, Pa.; Prof. HIRAM A. VANCE, Nashville, Tenn.; P. V. ROGERS, J. MILTON BUTLER, Dr. WILLIAM H. WATSON, WILLIAM M. WHITE, Rev. DANA W. BIGELOW, Utica; Dr. C. H. F. PETERS, Prof. OREN ROOT, Prof. ALBERT H. CHESTER, Dr. E. J. HAMILTON, Prof. CLINTON SCOLLARD, E. L. STEVENS, WILLIAM U. KREUTZER, CORNELIUS DEREGT, Hamilton College; Secretary of State and University Regents, Albany; Smithsonian Institution, United States Treasurer, Bureau of Education, Washington, D. C.; New York Academy of Sciences; Ohio Meteorological Bureau; Massachusetts Bureau of Labor; Minnesota Historical Society.

Memorial Hall and Art Gallery.

By the action of the Trustees, a Standing Committee has been appointed to have special charge of the Memorial Hall and Art Gallery. Contributions are solicited of historical paintings, landscapes, plaster casts, figures in bronze and marble, engravings, ancient coins, and other works of art, along with autographs and portraits of distinguished Alumni, and of Officers and Benefactors of the College.

The Gallery is an attractive place for visitors, who find here, along with many other works of art and historical interest, HIRAM POWERS' portrait bust of Mr. EDWIN C. LITCHFIELD, DANIEL HUNTINGTON'S portraits of Dr. EDWARD ROBINSON, Hon. S. NEWTON DEXTER, Professor AVERY and Professor NORTH; portraits of President BACKUS, President NORTH, Professor CATLIN, and Trustee C. C. KINGSLEY, by ALONZO PEASE; F. R. SPENCER'S portraits of WASHINGTON IRVING, Chancellor JAMES KENT, and Hon. JOSHUA A. SPENCER; CHARLES L. ELLIOTT'S portraits of President DAVIS and Trustee WILLIAM D. WALCOTT; E. F. ANDREWS' portrait of Hon. JOHN J. KNOX; F. WOLF'S portrait of Hon. HENRY A. FOSTER; Professor NEWTON A. WELLS' portrait of Hon. E. W. LEAVENWORTH; G. A. P. HEALY'S portrait of Hon. JAMES KNOX; FRANK PEEBLES' portrait of Hon. PERRY H. SMITH; F. B. CARPENTER'S portraits of WILLIAM C. NOYES and SILAS D. CHILDS; Miss BUTLER'S portrait of Dr. OREN ROOT; portraits of President S. W. FISHER, Treasurer O. S. WILLIAMS, Rev. Dr. A. D. GRIDLEY, Rev. Dr. A. J. UPSON, Judge C. H. TRUAX.

The College Grounds.

The park in the midst of which the College building stand, embraces fifteen acres. The trees which adorn it were planted at different times. The Lombardy poplars were set out between the years 1804 and 1808, by Rev. SAMUEL KIRKLAND; the older elms in 1830, by OTHNIEL WILLIAMS, Esq., then Treasurer of the College; and the groups of maple and ash trees in front of the dormitories, in 1836, by President PENNEY.

In the year 1853, the grounds were enlarged and laid out anew according to the modern English method, by Mr. JOHN C. HASTINGS, Dr. OREN ROOT and Rev. Dr. A. D. GRIDLEY, acting as Curators. At the same time the College Cemetery was enlarged and improved, and its annual expenses were provided for by a permanent fund, the gift of the late SAMUEL A. MUNSON, of Utica. A Pinetum was planted by the late Rev. Dr. A. D. GRIDLEY, which contains a large variety of hardy conifers. Within a few years the campus has been invested with a new interest, by the planting of memorial trees by the successive graduating classes, and the erection of memorial stones, sun dials, classic vases and garden seats.

Ample provision has been made for base-ball games and athletic sports near the gymnasium, on the Western Campus, where a covered stand has been erected by a member of the Faculty, and a tennis court furnished.

It is the design of the Trustees and Faculty, to render this Park increasingly attractive. The present Curators of the College grounds are Rev. Dr. HENRY DARLING, Prof. EDWARD NORTH, and Principal A. G. BENEDICT, of Houghton Seminary, to whom communications on this subject may be addressed.

Prizes.

1. A fund of $500, founded by the late Hon. AARON CLARK, of New York, furnishes a Prize for the Senior who excels in *Original Oratory.*

2. A fund of $500, founded by the late Chancellor JOHN V. L. PRUYN, of Albany, furnishes a Gold Medal for any Senior except the successful competitors for the Head Prize and Kirkland Prize, who shall write the best Oration on *The Political Duties of Educated Young Men.*

3. A fund of $500, founded by Hon. FRANKLIN H. HEAD, A. M., of Chicago, Ill., furnishes a Prize for any student of the Senior Class, except the successful competitors for the Pruyn Medal and the Kirkland Prize, who shall write the best oration on *Alexander Hamilton.*

4. A fund of $500, bequeathed by the late Mrs. A. R. KIRKLAND, furnishes a Prize for any Senior, except the successful competitors for the Pruyn Medal and the Head Prize, who shall write the best oration on *Biblical Science.*

5. A fund of $1,500, the gift of the late Hon. CHARLES MCKINNEY, of Binghamton, furnishes two Prizes for the members of the Senior Class who excel in *Extemporaneous Speaking.*

6. A fund of $700, founded by CHARLES C. KELLOGG, A. M., Utica, furnishes two Prizes for students of the Senior Class, except the successful competitors for the Pruyn Medal, the Head Prize, and the Kirkland Prize, who shall excel in the ordinary oratorical work of Junior and Senior years.

7. A fund of $500, founded by the late Hon. GEORGE UNDERWOOD, of Auburn, furnishes two Prizes for Seniors, who excel in *Chemistry.*

8. A fund given by Mrs. C. C. GOLDTHWAITE, of Utica, furnishes $100 for two Prizes to Seniors who excel in *German,* and $100 for two Prizes to Juniors and Seniors who excel in *French.*

9. A fund of $700, the gift of the late Hon. CHARLES MCKINNEY, of Binghamton, furnishes two Book Prizes, for the two students in each of the three lower classes who excel in *Elocution.* Valuable books will also be given to the two in each class who excel in *English Composition.*

10. A fund of $700, founded by the relatives of the late Col. HENRY H. CURRAN, of Utica, furnishes a Gold Medal, and a Silver Medal, for members of the Junior Class who excel in *Classical Studies.*

11. A fund of $500, founded by the late MARTIN HAWLEY, A. M., of Baltimore, Md., furnishes four Silver Medals for members of the Junior Class who excel in *Classical Studies.*

12. A fund of $500, founded by the late Rev. TERTIUS D. SOUTHWORTH, furnishes two Prizes for Juniors who excel in *Natural Philosophy.*

13. A fund of $1,200, founded by HAMILTON B. TOMPKINS, Esq., of New York City, provides for two Prizes and four Medals for Members of the Junior Class who excel in *Mathematics.*

14. A fund of $500, founded by Dr. A. NORTON BROCKWAY, A. M., of New York, furnishes a Prize for the member of each Freshman Class who passes the best examination on the *Preparatory Studies.*

REGULATIONS FOR THE THIRTY-FOURTH

Curran and Hawley Prize Examination.

THURSDAY, MARCH 27, 1890.

1. The competition for the Curran and Hawley medals is open to members of the Junior Class who elect Greek and Latin.

2. The examination will be held in the Examination Hall, commencing at nine o'clock, and closing at two o'clock.

3. Each competitor is required to bring with him pens and ink, and a quire of "legal cap" paper.

4. Competitors are not allowed to bring with them any written or printed matter, any engraving or models for drawing, or to hold any communication with each other. A violation of this rule will vitiate the work of one so doing.

5. Only one face of each half sheet is to be written upon, the other being left blank. There should also be an inch of margin on the left edge of each sheet.

6. The pages should be numbered at the top, with the competitor's name repeated beneath each number.

7. The several portions of the work should likewise be numbered so as to correspond with the numbers of the printed questions.

8. At half past one notice will be given that competitors may review, correct and finish their work. At two o'clock the papers are to be given up.

9. In estimating the merit of competitive work two points will be especially considered.

(1.) Exactness in rendering; fullness and accuracy of information on the subjects proposed.

(2.) Neatness, elegance, and logical arrangement in the exhibition and utterance of knowledge.

10. The kind of work to be done may be as follows, viz.:

(1.) Translation from, and into Greek and Latin.

(2.) Analysis of words, including derivation, synonyms, inflection and dialectic changes.

(3.) Analysis of sentences, with rules of construction, illustrative maps and drawings, and the answering of questions in History, Geography and Mythology.

(4.) Analysis of metres, including quantity, rhythms and nomenclature.

(5.) Rules and practice of Greek accentuation.

(6.) Criticism on the style and subject matter of the authors quoted from.

REGULATIONS FOR THE SIXTH MUNSON PRIZE

Examinations in French and German.

1. The Prize Examination in French is open to members of the Junior and Senior Classes, and is held on the day preceding the regular examination of the third term. The Prize Examination in German is open to members of the Senior Class, and is held on Wednesday preceding the regular examination of the second Term.

2. There will be two sessions for each Prize Examination; the first, from 9 A. M. to 12 M.; the second, from 2 P. M. to 5 P. M.

3. Each competitor is required to bring with him pens and ink, and a quire of paper.

4. Competitors are not allowed to bring with them any written or printed matter, or to hold any communication with each other.

5. Only one face of each half sheet is to be written upon. There should also be an inch of margin on the left edge of each sheet.

6. The pages should be numbered at the top, with the student's name repeated beneath each number.

7. The several portions of the work should likewise be numbered according to the numbers of the printed questions.

8. The papers laid before the competitors will call for—

(*a*) Translation, mainly at sight, from and into German and French.
(*b*) Rendering Dialect-German into the written language.
(*c*) Answers to questions in the History of the Language and its Literature; in Etymology; in Comparative Philology; in Criticism of the Authors from whom selections are made.

REGULATIONS FOR THE

Prize Examination in Intellectual Philosophy.

1. Two Prizes, a first and second, will be awarded after the close of the regular work in Intellectual Philosophy.

2. The award to be based, (1.) Upon the average of the regular work of the philosophical course. (2.) Upon a written examination covering portions or the whole of the work of the course. (3.) An original essay, showing independent research upon some philosophical topic. The essay to be not less than fifteen hundred nor more than two thousand words. The essay must be handed to the Professor of Intellectual Philosophy, within the first half of the last term.

General Regulations for all Prize Orations and Essays.

1. Any Student of the College, in actual attendance, can write upon any subject assigned to the Class of which he is a member.

2. Orations and Essays must be so written that the MS. will show broad margins, and be suitable for binding; they must be signed with a fictitious name, and this fictitious name superscribed on a sealed note containing the writer's real name. The use of the type-writer is recommended.

3. Orations and Essays not conforming to published Regulations will be returned to the authors, without credit.

4. The successful Orations and Essays will be retained for preservation in the College Library.

Subjects for Prize Essays.

1889-90.

FOR THE JUNIORS.

1. "The Influence of Our Geography on Our History."
2. "Country Life in *As You Like It* and *Merry Wives of Windsor*."

FOR THE SOPHOMORES.

1. "The Fiction of the New South."
2. "Howells' Delineation of Social Life in New England."

FOR THE FRESHMEN.

1. "The Life and Influence of Sir William Johnson."
2. "The Greek War for Independence."

Special Regulations for Prize Essays.

1. Each Essay must contain not more than thirty-five folios.
2. The Essays must be left with the President before 12 o'clock, on the last Wednesday in the Second Term.
3. The Faculty will appoint a Committee to select the best Essay on each of the subjects assigned to the several classes.
4. No Student can receive two essay prizes in the same year.
5. The two successful Essayists from each class, will be announced at the close of the Third Term, and books of value will be given as prizes on Commencement day.

Subjects for the Thirty-Sixth Clark Prize Exhibition.

WEDNESDAY EVENING, JUNE 4, 1890.

1. "The Debt of the New World to Columbus."
2. "Victor Hugo, Poet and Patriot."
3. "The Military Career of General Philip H. Sheridan."
4. "The New West; and its Bearing on our National Destiny."
5. "Individualism and the State."
6. "The Touchstone of *As You Like It* and the Fool of *King Lear*."

SPECIAL REGULATIONS

For Clark Prize Orations.

1. Each Oration must contain not more than fifteen folios.

2. The Orations must be left with the President, before 12 o'clock, on the last Wednesday of the Second Term.

3. The best six Orations will be selected by the Faculty, and the names of the successful competitors will be announced on the fourth Friday of the Third Term.

4. The Orations will be delivered under the direction of the Kingsley Professor of Rhetoric, on the evening of the Wednesday following the last Senior examination.

5. The Prize will be awarded by the Faculty at the announcement of Senior Honors.

REGULATIONS

For the Kellogg Oratorical Prizes.

1. The Kellogg Prizes will be awarded on the merit of the Chapel debates and orations of Junior and Senior years, and the writing but not the delivery of the Commencement Oration.

2. The parts must be prepared and spoken at the proper time.

Subject for the Twenty-Eighth Pruyn Medal Oration.

"THE RELATION AND DUTIES OF THE BRAIN TOILER TO THE HAND-TOILER."

Subject for the Twenty-Seventh Head Prize Oration.

"HAMILTON, WEBSTER, SEWARD."

Subject for the Eighteenth Kirkland Prize Oration.

"THE EFFECT OF THE PHYSICAL FEATURES OF PALESTINE ON THE JEWS AND THEIR LITERATURE."

SPECIAL REGULATIONS.

1. Each Oration must contain not more than twelve folios.

2. The Orations must be left with the President before 12 o'clock, on Friday, the second day of the Second Term.

3. The best Oration on each subject will be selected by the Faculty, and the names of the successful competitors announced before the close of the Second Term, but only one prize will be awarded to the same student.

4. The Orations will be delivered and the Medals and Prizes awarded on Commencement Day.

Regulations for the Twenty-Second Prize Debate.

JUNE 25, 1890.

1. The Twenty-Second Prize Debate will be held on the evening of the Tuesday preceding Commencement, under the direction of the Kingsley Professor of Rhetoric.

2. From the members of the Senior Class who have gained the highest average standard in extemporaneous speaking, during their Junior and Senior years, not more than six prize debaters will be appointed by the Faculty. Their names, with the question for debate, will be given at the announcement of Senior honors. At the same time the position of the debaters on the affirmative or negative will be determined by lot.

3. At the debate, the order in which the competitors are to be called will each be determined by lot, publicly drawn at the time. Each competitor will be called twice; and will be allowed to speak ten minutes on the first call, and five minutes on the second.

4. A first prize of $70, and a second prize of $30, will be awarded by a committee of three gentlemen not members of the Faculty; and the award will be announced at the close of the debate.

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